

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 March 2005 (10.03.2005)

PCT

(10) International Publication Number
WO 2005/021482 A1

(51) International Patent Classification⁷: **C07C 69/80**,
67/08, 67/48, H01B 3/44

(21) International Application Number:
PCT/EP2004/009357

(22) International Filing Date: 20 August 2004 (20.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0320206.6 29 August 2003 (29.08.2003) GB

(71) Applicant (for all designated States except US): **EXXON-MOBIL CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(72) Inventors; and

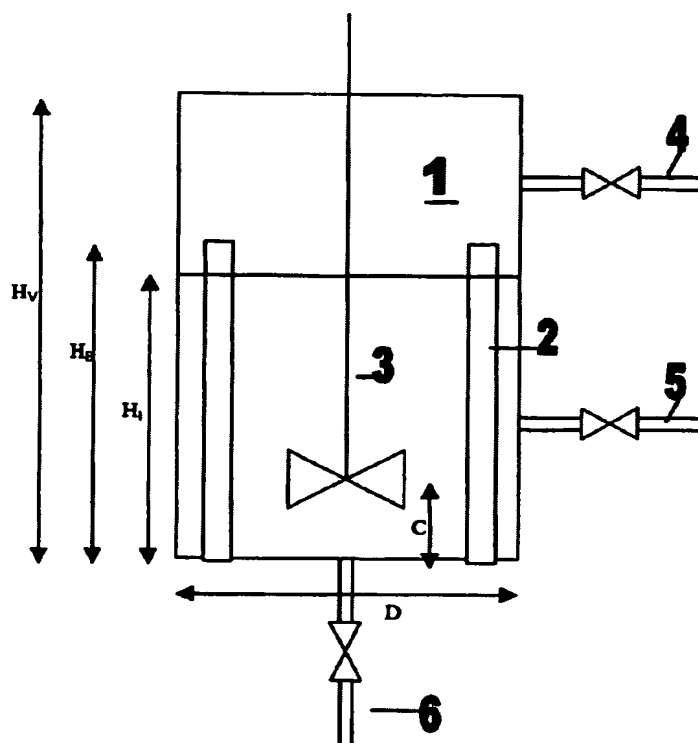
(75) Inventors/Applicants (for US only): **DE MUNCK**, Nicolaas, A. [NL/NL]; Schoener 36, NL-2991 JL Barendrecht (NL). **GOSSE**, Claudius [DE/BE]; Rue Henri Marichal 54, B-1050 Bruxelles (BE). **CAERS**, Raphael, F. [BE/BE]; Prins Boudewijnlaan 189, B-2650 Edegem (BE).

(74) Agent: **DEW, Melvyn, John**; ExxonMobil Chemical Europe Inc., P.O. Box 105, B-1830 Machelen (BE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,

[Continued on next page]

(54) Title: **IMPROVEMENTS IN OR RELATING TO PHTHALATE PLASTICISER ESTERS**



(57) Abstract: The liquid volume resistivity of plasticiser esters is improved by purifying the ester with an adsorbent having a pH in the range 6 to 11. It is preferable to use a mixture of a filtration aid and an adsorbent. A plasticiser having a desirable combination of high liquid volume resistivity, low amount of light ends and low carbonyl number is obtained.